



SEQUENCE LISTING

<110> Jonassen, Ib
Havelund, Svend
Hansen, Per Hertz
Kurtzhals, Peter
Halstrom, John B.

<120> Peptide Derivatives

<130> 4409.214-US

<140> US 09/772,607

<141> 2001-01-30

<150> US 09/068,822

<151> 1998-05-14

<150> PCT/DK96/00106

<151> 1996-03-18

<150> DK 275/95

<151> 1995-03-18

<160> 9

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> LOCATION :15

<223> Lys at position 15 is modified with N^e-γ- Glu(N^α - tetradecanoyl)-OH)

<400> 1

Ala Gly Cys Lys Asn Phe Phe Trp Lys Thr Tyr Thr Ser Cys Lys
1 5 10 15

<210> 2

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> LOCATION :28

<223> Lys at position 28 is modified with N^e-γ- Glu(N^α - tetradecanoyl)-OH)

<400> 2

His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys

20

25

<210> 3

<211> 29

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> LOCATION :29

<223> Lys at position 29 is modified with N^ε-γ- Glu(N^α - tetradecanoyl)-OH

<400> 3

Ser Leu Arg Arg Ser Ser Cys Phe Gly Gly Arg Met Asp Arg Ile Gly

1

5

10

15

Ala Gln Ser Gly Leu Gly Cys Asn Ser Phe Arg Tyr Lys

20

25

<210> 4

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<221> MUTAGEN

<222> LOCATION: 8

<223> Xaa = Ala as a D-amino acid

<400> 4

Tyr Gly Gly Phe Cys Arg Arg Xaa Arg Pro Cys

1

5

10

<210> 5

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> LOCATION :6

<223> Lys at position 6 is modified with N^ε-γ- Glu(N^α - tetradecanoyl)-OH)

<400> 5

Ala Pro Gly Pro Arg Lys

1

5

<210> 6

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<221> MUTAGEN

<222> LOCATION: 1

<223> Xaa at position 1 is formylated Nle

<220>

<221> MUTAGEN

<222> LOCATION: 4

<223> Xaa at position 4 is Nle

<220>

<221> MOD_RES

<222> LOCATION: 6

<223> Lys at position 6 is modified with N^ε-γ- Glu(N^α - tetradecanoyl)-OH)

<400> 6

Xaa Leu Phe Xaa Tyr Lys
1 5

<210> 7

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<221> MUTAGEN

<222> LOCATION: 1

<223> Xaa at position 1 is formylated Nle

<220>

<221> MUTAGEN

<222> LOCATION: 4

<223> Xaa at position 4 is Nle

<400> 7

Xaa Leu Phe Xaa Tyr Lys

<210> 8

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<221> MUTAGEN

<222> LOCATION :2

<223> Xaa = Ala as a D-amino acid

<220>

<221> MOD_RES

<222> LOCATION :6

<223> Lys at position 6 is modified with N^ε-γ- Glu(N^α - tetradecanoyl)-OH)

<400> 8

Tyr Xaa Gly Phe Leu Lys
1 5

<210> 9

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<221> MISC_FEATURE

<222> LOCATION : 1

<223> Tyr is modified with butoxycarbonyl

<220>

<221> MUTAGEN

<222> LOCATION : 2

<223> Xaa = Ala as a D-amino acid

<400> 9

Tyr Xaa Gly Phe Leu Lys

<210> 10

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<221> MUTAGEN

<222> LOCATION : 2

<223> Xaa = Ala as a D-amino acid

<400> 10

Tyr Xaa Gly Phe Leu Lys

<210> 11

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> LOCATION : 10

<223> Lys at position 10 is modified with N^ε-γ- Glu(N^α - tetradecanoyl)-OH)

<400> 11

Pro His Pro Phe His Phe Phe Val Tyr Lys

1

5

10

<210> 12

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<221> MISC_FEATURE

<222> LOCATION: 1

<223> Pro at position 1 is modified with 9-fluorenylmethyloxycarbonyl

<400> 12

Pro His Pro Phe His Phe Phe Val Tyr Lys
1 5 10

<210> 13

<211> 10

<212> PRT

<213> Artificial Sequence

<400> 13

Pro His Pro Phe His Phe Phe Val Tyr Lys
1 5 10

<210> 14

<211> 29

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> LOCATION:29

<223> Lys at position 29 is modified with N^ε-γ- Glu(N^α - tetradecanoyl)-OH)

<400> 14

Ser Leu Arg Arg Ser Ser Cys Phe Gly Gly Arg Met Asp Arg Ile Gly
1 5 10 15
Ala Gln Ser Gly Leu Gly Cys Asn Ser Phe Arg Tyr Lys
20 25